

## EAST Search History

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| L16   | 17   | card\$1cage and (identif\$4 or determin\$3) with card                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR             | ON      | 2007/09/11 11:50 |
| L17   | 5    | card\$1cage and (identif\$4 or determin\$3) with card and display\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR             | ON      | 2007/09/11 11:54 |
| L18   | 7    | card\$1cage and (display) with card                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR             | ON      | 2007/09/11 11:56 |
| L19   | 0    | card\$1chasis and (display) with card                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR             | ON      | 2007/09/11 11:56 |
| L20   | 0    | card\$1expander and (display) with card                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR             | ON      | 2007/09/11 11:56 |
| L21   | 7    | card\$1cage and (display\$3) with card                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR             | ON      | 2007/09/11 11:57 |
| L22   | 0    | card chasis and (display\$3) with card                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR             | ON      | 2007/09/11 11:57 |

## EAST Search History

|     |      |   |  |      |    |                  |
|-----|------|---|--|------|----|------------------|
| L24 | 66   | card enclosure and (display\$3) with card   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 12:14 |
| L27 | 457  | (multip\$5 or plural\$5 or many or more) near3 card with (enclosure or expander or case or cage or chasis) and (identif\$4 or determin\$3) with card and display\$3 with (firmware or non\$1volatile or memory)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 16:12 |
| L28 | 242  | (multip\$5 or plural\$5 or many or more) adj3 card with (enclosure or expander or case or cage or chasis) and (identif\$4 or determin\$3) with card and display\$3 with (firmware or non\$1volatile or memory)                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 12:29 |
| L29 | 3    | board\$1cage  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 12:28 |
| L30 | 682  | card matrix   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 12:28 |
| L31 | 6    | "710"/\$.ccls. and (multip\$5 or plural\$5 or many or more) adj3 card with (enclosure or expander or case or cage or chasis) and (identif\$4 or determin\$3) with card and display\$3 with (firmware or non\$1volatile or memory) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 12:33 |
| L32 | 2820 | card and (firmware or non\$1volatile) with (list or table) and display\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 12:35 |

## EAST Search History

|     |     |   |  |      |    |                  |
|-----|-----|---|--|------|----|------------------|
| L33 | 245 | card with (firmware or non\$1volatile) with (list or table) and display\$3                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 12:35 |
| L34 | 120 | card with (firmware or non\$1volatile) with (list or table) and display\$3 with (list or table) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 12:36 |
| L35 | 0   | card with (firmware or non\$1volatile) with error (list or table) and display\$3 with error     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 12:37 |
| L36 | 9   | (firmware or non\$1volatile) with error (list or table) and display\$3 with error               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 12:41 |
| L37 | 198 | (firmware or non\$1volatile) with (document\$6) and display\$3 with error                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 12:42 |
| L38 | 113 | (firmware or non\$1volatile) with (document\$6) with display\$3                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 12:47 |
| L39 | 2   | (firmware or non\$1volatile) with embed\$4 near3 (file or document\$6) with display\$3          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 12:49 |

## EAST Search History

|     |       |  |  |      |    |                  |
|-----|-------|--|--|------|----|------------------|
| L40 | 15    | (card) with embed\$4 near3 (file or document\$6) with display\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 12:51 |
| L41 | 219   | (card) with embed\$4 near3 (file or document\$6)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 16:13 |
| L42 | 2     | (card) with (built\$1in or embed\$4) near3 help adj (file or document\$6)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 12:52 |
| L43 | 1656  | (card) with (built\$1in or embed\$4 or firmware or non\$1volatile) with (file or document\$6)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 16:13 |
| L44 | 4     | (card) with (built\$1in or embed\$4 or firmware or non\$1volatile) with (file or document\$6) near3 (troubleshoot\$4 or help\$3 or manual) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 12:54 |
| L45 | 4     | (built\$1in or embed\$4) (troubleshoot\$4 or help\$3 or manual) (file or document\$6)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 13:04 |
| L46 | 13125 | (built\$1in or embed\$4) near3 (file or document\$6 or manual)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 13:04 |

## EAST Search History

|     |    |   |  |      |    |                  |
|-----|----|---|--|------|----|------------------|
| L47 | 4  | (built\$1in or embed\$4) help adj (file or document\$6 or manual)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 13:05 |
| L48 | 0  | (built\$1in or embed\$4)<br>(maintenance or troubleshoot\$4)<br>adj (file or document\$6 or manual)                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 13:05 |
| L49 | 38 | (built\$1in or embed\$4) with<br>(maintenance or troubleshoot\$4 or help) adj (file or document\$6 or manual)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 13:21 |
| L50 | 0  | each with (built\$1in or embed\$4)<br>with (maintenance or troubleshoot\$4 or help) adj (file or document\$6 or manual)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 13:23 |
| L51 | 0  | each with (built\$1in or embed\$4)<br>with (maintenance or troubleshoot\$4 or help) adj (link)                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 13:22 |
| L52 | 0  | each with (built\$1in or embed\$4)<br>with (file or document\$6 or manual)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 13:22 |
| L54 | 2  | device with (built\$1in or embed\$4)<br>with (maintenance or troubleshoot\$4 or help) adj (file or document\$6 or manual) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 13:23 |

## EAST Search History

|     |     |   |  |      |    |                  |
|-----|-----|---|--|------|----|------------------|
| L55 | 31  | device with (upgrad\$4 or updat\$4) with (maintenance or troubleshoot\$4 or help) adj (file or document\$6 or manual) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 14:30 |
| L56 | 108 | video card same (audio or sound) card same driver   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 16:12 |
| L57 | 3   | video card same (audio or sound) card same slot same driver   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 14:33 |
| L58 | 22  | 710/8.ccls. and device with (built\$1in or embed\$4) with (file or document\$6 or manual)                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 16:11 |
| L59 | 3   | 710/8.ccls. and video card same (audio or sound) card same driver   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 16:12 |
| L60 | 0   | 710/8.ccls. and card box and (display\$3) with card   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 16:12 |
| L61 | 0   | 710/15.ccls. and card box and (display\$3) with card  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 16:12 |

## EAST Search History

|     |     |   |  |      |    |                  |
|-----|-----|---|--|------|----|------------------|
| L62 | 7   | 710/15.ccls. and (multip\$5 or plural\$5 or many or more) near3 card and (identif\$4 or determin\$3) with card and display\$3 with (firmware or non\$1volatile or memory) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 16:12 |
| L63 | 0   | 710/15.ccls. and (card) with embed\$4 near3 (file or document\$6)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 16:13 |
| L64 | 2   | 710/15.ccls. and (card) with (built\$1in or embed\$4 or firmware or non\$1volatile) with (file or document\$6)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/11 16:13 |
| S1  | 1   | 10/664523   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/28 17:34 |
| S2  | 486 | (card or adapt\$1r) with (bui\$2in or embed\$3) with (help or manual or instruction or guide)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/28 17:36 |
| S3  | 133 | (card or adapt\$1r) with (bui\$2in or embed\$3) with (help or manual or instruction or guide) same (monitor or display\$3 or screen)                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/28 17:50 |
| S4  | 2   | (card or adapt\$1r) with (bui\$2in or embed\$3) with (help or manual or instruction or guide) file same (monitor or display\$3 or screen)                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/28 17:42 |

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|     |     |   |  |      |    |                  |
|-----|-----|---|--|------|----|------------------|
| S5  | 16  | (buil\$2in or embed\$3) with (help or manual or instruction or guide) file same (monitor or display\$3 or screen) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/28 18:13 |
| S6  | 4   | (card or adapt\$1r) with (buil\$2in or embed\$3) with (help or manual or instruction or guide) file               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/28 17:45 |
| S7  | 7   | (device or apparatus) with (buil\$2in or embed\$3) with (help or manual or instruction or guide) file             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/28 17:46 |
| S8  | 497 | (buil\$2in or embed\$3) near4 (help or manual or instruction or guide) (data or file)                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/28 18:24 |
| S9  | 10  | (buil\$2in or embed\$3) near4 (help or manual or instruction or guide) (data or file) with (card or adapt\$1r)    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/28 17:48 |
| S10 | 26  | (buil\$2in or embed\$3) with (help or manual or guide) (data or file) same (monitor or display\$3 or screen)      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/28 18:06 |
| S11 | 8   | (buil\$2in or embed\$3) with (help or manual or guide) (file) same (monitor or display\$3 or screen)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/28 18:09 |



## EAST Search History

|     |      |   |  |      |    |                  |
|-----|------|---|--|------|----|------------------|
| S12 | 5    | (ROM or volatile) with (help or manual or guide) (document or file) same (monitor or display\$3 or screen)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/28 18:18 |
| S13 | 25   | (card or adapt\$1) with (buil\$2in or embed\$3) with (driver) and install\$4 same (monitor or display\$3 or screen) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/28 18:14 |
| S14 | 24   | (ROM or volatile) with (help or manual or guide) (document or file)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/28 18:22 |
| S15 | 136  | (help or manual or guide) (document or file) with memory  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/28 18:24 |
| S16 | 63   | (buil\$2in or embed\$3) near4 (help or manual or instruction or guide) (file)                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/28 18:31 |
| S17 | 2734 | (buil\$2in or embed\$3) near4 (driver)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/28 18:31 |
| S18 | 136  | (buil\$2in or embed\$3) near4 (driver) with (card or adapt\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/28 18:34 |

## EAST Search History

|     |      |  |  |      |    |                  |
|-----|------|--|--|------|----|------------------|
| S19 | 4231 | display\$3 near4 (ID or identification or identifier or version or model or serial) with (card or adapt\$3)                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/28 18:35 |
| S20 | 79   | display\$3 near4 (ID or identification or identifier or version or model or serial) with (sound or audio or video) (card or adapt\$3)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/28 18:37 |
| S21 | 23   | display\$3 near4 ((ID or identification or identifier or version or model) or serial number) with (sound or audio or video) (card or adapt\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/28 18:43 |
| S22 | 3108 | card (expander or enclosure or cage)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/28 18:44 |
| S23 | 47   | card (expander or enclosure or cage) with (video or audio)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/28 18:45 |
| S24 | 602  | card with (driver or file) with (built\$1in or embed\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/29 11:52 |
| S25 | 940  | card with (built\$1in or embed\$4) with display\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/29 11:51 |

## EAST Search History

|     |      |  |  |      |    |                  |
|-----|------|--|--|------|----|------------------|
| S27 | 137  | card with (file) near4 (built\$1in or embed\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/29 11:53 |
| S28 | 50   | card with (file) near4 (built\$1in or embed\$4) with (ROM or non\$1volatile or memory)                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/29 11:55 |
| S29 | 6    | card with (file) near4 (built\$1in or embed\$4) with (ROM or non\$1volatile or memory) with display\$4 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/29 11:58 |
| S30 | 1    | 10/121254  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/29 12:02 |
| S31 | 1    | 10/849272  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/29 12:07 |
| S32 | 361  | embedded driver  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/29 12:07 |
| S33 | 1755 | card and (updat\$3 or upgrad\$4) firmware  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/29 12:08 |

## EAST Search History

|     |     |   |  |      |    |                  |
|-----|-----|---|--|------|----|------------------|
| S34 | 62  | card and (updat\$3 or upgrad\$4)<br>near3 firmware same (guide or<br>help)                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/29 12:09 |
| S35 | 2   | card with (updat\$3 or upgrad\$4)<br>near3 firmware same (guide or<br>help)                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/29 12:11 |
| S36 | 3   | card with firmware with (guide or<br>help)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/29 12:11 |
| S37 | 364 | firmware with (guide or help)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/29 12:12 |
| S38 | 46  | firmware with (guide or help) with<br>(stor\$3 or embed\$4 or built\$1in)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/29 12:27 |
| S39 | 32  | firmware with (guide or help) with<br>(stor\$3 or embed\$4 or built\$1in)<br>and display\$4 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/08/29 12:27 |
| S40 | 1   | 10/664523   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/10 14:47 |

## EAST Search History

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|-----|-------|--|--|------|----|------------------|
| S41 | 861   | (help or guide or manual) with firmware                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/10 14:50 |
| S42 | 5     | (help or guide or manual) file with firmware                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/10 14:58 |
| S43 | 70    | (troubleshoot\$3) with firmware  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/10 14:52 |
| S44 | 33    | (help or guide or manual) file with (embed\$4 or built\$1in)               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/10 15:04 |
| S45 | 13268 | bios with help   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/10 15:09 |
| S46 | 37    | (firmware or non\$1volatile or read\$1only or ROM) with technical support  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/10 15:17 |
| S47 | 68    | (firmware or non\$1volatile or read\$1only or ROM) with instruction manual | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/10 15:17 |

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|-----|------|--|--|------|----|------------------|
| S48 | 8    | (firmware or non\$1volatile or read\$1only) with instruction manual                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/10 15:21 |
| S49 | 1630 | (firmware or non\$1volatile or read\$1only) with maintenance                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/10 15:22 |
| S50 | 8    | (firmware or non\$1volatile or read\$1only) with maintenance (file or document\$6) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/10 16:08 |
| S51 | 222  | card\$1cage or card (expander)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/10 15:43 |
| S52 | 177  | card\$1cage or card (expander) and card with (audio and (visual or video))         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/10 15:44 |
| S53 | 7    | (card\$1cage or card (expander)) and card with (audio and (visual or video))       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/10 15:53 |
| S54 | 22   | (card\$1cage or card (expander)) and card with (audio or (visual or video))        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/10 15:58 |

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|-----|-------|---|--|------|----|------------------|
| S55 | 1222  | bios with manual  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/10 15:59 |
| S56 | 9     | bios with (help or manual or guide)<br>(document or file or data) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/10 16:01 |
| S57 | 13268 | bios with (help )   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/10 16:03 |
| S58 | 0     | bios with (configur\$5 help )                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/10 16:02 |
| S59 | 245   | "710"/\$.ccls. and bios with (help )                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/10 16:04 |
| S60 | 0     | "710"/\$.ccls. and bios with<br>(guideline)                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/10 16:04 |
| S61 | 74    | bios with (guideline)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/10 16:05 |

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| S62 | 3212 | no with (guideline)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/10 16:05 |
| S63 | 57   | firmware with (guideline)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/10 16:05 |
| S64 | 34   | (firmware or non\$1volatile or read\$1only) with install\$5 (guide or instruction or document\$6) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/10 16:23 |
| S65 | 0    | (non\$1volatile or read\$1only) with install\$5 (guide or help) (instruction or document\$6)      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/10 16:24 |
| S66 | 5    | (non\$1volatile or read\$1only) with (guide or help) (instruction or document\$6)                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/10 16:26 |
| S67 | 4154 | (firmware or non\$1volatile or read\$1only) with (document\$6)                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/10 16:26 |
| S68 | 1    | (firmware or non\$1volatile or read\$1only) with (help adj3 document\$6)                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/10 16:27 |



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|-----|-------|--|--|------|----|------------------|
| S69 | 18    | (firmware or non\$1volatile or read\$1only) with (code adj3 document\$6)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/10 16:27 |
| S70 | 19790 | (firmware or non\$1volatile or read\$1only) with (table or list)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/10 16:28 |
| S71 | 3152  | (firmware or non\$1volatile or read\$1only) with (table or list) and display\$3 with (table or list)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/10 16:28 |
| S72 | 14    | (firmware or non\$1volatile or read\$1only) with (table or list) near3 error and display\$3 with (table or list) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/10 16:28 |